

PATENT APPLICATION SERIAL NO. 10/019752

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

01/15/2002 UEDUVIJE 00000020 110600 10019752
01 FC:970 890.00 CH

PTO-1556
(5/87)

FORM PTO-1390
(REV. 5-93)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

AT
1172

PCT/PTO 27 DEC 2001
PCT NUMBER

U.S. APP.

If known, see 37 CFR 1.5)

019752

INTERNATIONAL APPLICATION NO.
PCT/JP00/03566

INTERNATIONAL FILING DATE
(01.06.00)
1 June 2000

PRIORITY DATES CLAIMED
(99)
1999

TITLE OF INVENTION
BLACK CERAMIC SINTER WITH LOW THERMAL EXPANSION AND HIGH SPECIFIC RIGIDITY AND
SAME

S FOR PRODUCING THE

APPLICANT(S) FOR DO/EO/US
Jun SUGAWARA, Hidehiko MORITA, Katsumi HASHIMOTO, Tetsuro NOSE

Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
 2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
 3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) immediately rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
 4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
 5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
 7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
 8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11. to 16. below concern other document(s) or information included:**
11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
 12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
 13. ☒ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
 14. ☐ A substitute specification and marked-up specification.
 15. ☐ A change of power of attorney and/or address letter.
 16. ☒ Other items or information: International Search Report, PCT/RO/101, published WO 01/00540

U.S. APPLICATION NO. (if known) see 37 CFR 1.55

107019752

INTERNATIONAL APPLICATION NO.

PCT/JP00/03566

ATTORNEY'S DOCKET NUMBER

11728

17. ☒ The following fees are submitted:

Basic National Fee (37 CFR 1.492(a)(1)-(5)):

Search Report has been prepared by the EPO or JPO \$890.00
 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$690.00
 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but
 international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$710.00
 Neither international preliminary examination fee (37 CFR 1.482) nor international search
 fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,000.00
 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims
 satisfied provisions of PCT Article 33(2)-(4) \$100.00

CALCULATIONS | PTO USE ONLY

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$ 890.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months
 from the earliest claimed priority date (37 CFR 1.492(e)).

\$

Claims

Number Filed

Number Extra

Rate

Total Claims**

19 - 20 =

0

X \$18.00

\$ 0.00

Independent Claims

3 - 3 =

0

X \$84.00

\$ 0.00

Multiple dependent claim(s) (if applicable) **

+ \$270.00

TOTAL OF ABOVE CALCULATIONS =

\$ 890.00

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must
 also be filed. (Note 37 CFR 1.9, 1.27, 1.28).

\$

****Upon entry of Preliminary Amendment**

SUBTOTAL =

\$ 890.00

Processing fee of \$130.00 for furnishing the English translation later the ☐ 20 ☐ 30 months
 from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE =

\$ 890.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
 accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

\$

TOTAL FEES ENCLOSED =

\$ 890.00

Amount to be:
 refunded

\$

charged

\$

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 11-0600 in the amount of **\$890.00** to cover the above fees.
 A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to
11-0600. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a)
 Deposit Account No. or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

John J. Kelly, Jr.
 SIGNATURE

Kenyon & Kenyon



26646

PATENT TRADEMARK OFFICE

John J. Kelly, Jr., Reg. No. 29,182
 NAME

DEC 27, 2001
 DATE